

**REMARKS**

The Office Action mailed on May 18, 2007 has been reviewed, along with the art cited. Claims 1-6, 28-32, 35-41 and 43-51 have been cancelled and claim 57 has been amended. Claims 19, 20, and 52-59, therefore, are pending in this application.

**Rejections Under 35 U.S.C. § 103**

Claims 1-6, 28-32, 35-39, 43, 44, and 49-51 were rejected under 35 USC § 103(a) as being unpatentable over Ueda (U.S. Patent No. 5,787,118) in view of Coonce et al. (U.S. Patent No. 4,064,370). Claims 1-6, 28-32, 35-39, 43, 44, and 49-51 have been cancelled thereby rendering this rejection moot.

Claims 45-48 were rejected under 35 USC § 103(a) as being unpatentable over Ueda (U.S. Patent No. 5,787,118) in view of Zak et al. (U.S. Patent No. 6,084,926). Claims 45-48 have been cancelled thereby rendering this rejection moot.

Claims 40 and 41 were rejected under 35 USC § 103(a) as being unpatentable over Ueda (U.S. Patent No. 5,787,118) in view of Coonce et al. (U.S. Patent No. 4,064,370) as applied to claim 37, in further view of Zak et al. (U.S. Patent No. 6,084,926). Claims 40 and 41 have been cancelled thereby rendering this rejection moot.

**Allowable Subject Matter**

Claims 19, 20, and 52-56 were indicated as being allowable over prior art references. Applicant thanks Examiner for the indication that these claims are allowable.

Claims 57-59 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 57 has been amended to include the limitations of base claim 1. Claim 57 is therefore allowable. Claims 58 and 59 depend from claim 57, and are therefore allowable.

Serial No.: 09/598,870

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Attorney Docket No. 100.015US01

Title: PARALLEL EQUALIZATION FOR SYSTEMS USING TIME DIVISION MULTIPLE ACCESS

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### CONCLUSION

Applicant respectfully submits that claims 19, 20, and 52-59 are in condition for allowance and notification to that effect is earnestly requested. If necessary, please charge any additional fees or credit overpayments to Deposit Account No. 502432.

If the Examiner has any questions or concerns regarding this application, please contact the undersigned at the telephone number listed below.

Respectfully submitted,

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